

ABSTRACT

A polyester polycarbamate resin composition for use in coating compositions to produce films having improved scratch and mar characteristics. The resin composition is the reaction product of a first compound having a plurality of hydroxyl groups with a carbamate compound reactive with the hydroxyl groups of the first compound and added
5 in an amount sufficient to form a carbamated intermediary. The carbamated intermediary has at least one primary carbamate group available for cross-linking and has unreacted hydroxyl groups. Then, a silyl compound having a terminal isocyanate group is reacted with the unreacted hydroxyl groups of the carbamated intermediary. The silyl compound
10 also has silylalkoxy groups available for secondary cross-linking. The present invention is also directed to a method of preparing the resin composition.